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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER BARK-1-24115		
U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5)		
INTERNATIONAL APPLICATION NO. PC-T/GB03/02513	INTERNATIONAL FILING DATE June 11, 2003	PRIORITY DATE CLAIMED June 11, 2002; July 24, 2002
TITLE OF INVENTION PIPELINE PIG		
APPLICANT(S) FOR DO/EO/US Simon SANDERS		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information by **Express Mail**:

- X 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- \_\_\_\_\_ 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 37 U.S.C. 371.
- X 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- X 4. The U.S. has been elected (Article 31).
- X 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
- \_\_\_\_\_ a. is attached hereto (required only if not communicated by the International Bureau).
- X b. has been communicated by the International Bureau.
- \_\_\_\_\_ c. is not required, as the application was filed in the United States Receiving Office (RO/US).
- \_\_\_\_\_ 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)):
- \_\_\_\_\_ is attached hereto.
- \_\_\_\_\_ has been previously submitted under 35 U.S.C. 154 (d)(4).

- X 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
- \_\_\_\_\_ a. are attached hereto (required only if not communicated by the International Bureau).
- X b. have been communicated by the International Bureau.
- \_\_\_\_\_ c. have not been made; however, the time limit for making such amendments has NOT expired.
- \_\_\_\_\_ d. have not been made and will not be made.
- \_\_\_\_\_ 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- \_\_\_\_\_ 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- \_\_\_\_\_ 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 20. below concern document(s) or information included:**

- X 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- \_\_\_\_\_ 12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- X 13. A preliminary amendment.
- X 14. An Application Data Sheet under 37 C.F.R. 1.76.
- \_\_\_\_\_ 15. A substitute specification.
- \_\_\_\_\_ 16. A power of attorney and/or change of address letter.
- \_\_\_\_\_ 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 – 1.825.
- X 18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
- \_\_\_\_\_ 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- \_\_\_\_\_ 20. Other items or information:

21. The following fees are submitted:					
<u>X</u> a) Basic national fee..... \$300				\$300	
<u>X</u> b) Examination fee..... \$200				\$200	
<u>X</u> c) Search fee ..... \$500				\$500	
TOTAL OF ABOVE CALCULATIONS ..... \$1,000				\$1,000	
___ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/50 =		x \$250	---	
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$---	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	27 - 20 =	7	X \$50	\$350	
Independent claims	2 - 3 =	0	X \$200	\$--	
MULTIPLE DEPENDENT CLAIMS (if applicable)			+ \$360	\$--	
TOTAL OF ABOVE CALCULATIONS =				\$1350	
<u>X</u> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$675	
SUBTOTAL =				\$675	
Processing fee of \$130 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$---	
TOTAL NATIONAL FEE =				\$675	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				\$---	
TOTAL FEES ENCLOSED =				\$675	
				Amount to be refunded	\$
				Amount to be charged	\$

X a. A check in the amount of \$675 covering the above fees is enclosed. Check No. 160026.

- \_\_\_\_\_ b. Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- X \_\_\_\_\_ c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1740. A duplicate copy of this sheet is enclosed.

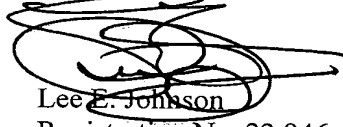
SEND ALL CORRESPONDENCE TO:

**Customer No. 26389**

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Respectfully submitted,

CHRISTENSEN O'CONNOR  
JOHNSON KINDNESS<sup>PLLC</sup>



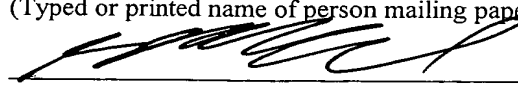
Lee E. Johnson  
Registration No. 22,946  
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**EXPRESS MAIL CERTIFICATE**

Express Mail No.: EV 535893744 US  
Date of Deposit: December 10, 2004

I hereby certify that this document and the enclosures listed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gregg Peria-Hansen  
(Typed or printed name of person mailing paper or fee)



(Signature of person mailing paper or fee)

PAS/bhp